

09/549,642

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	259	424/94.6.ccls.	USPA T; US-P GPUB	2001/12/18 08:53
2	L2	344	424/94.63.ccls	USPA T; US-P GPUB	2001/12/18 08:53
3	L3	562	424/94.64.ccls	USPA T; US-P GPUB	2001/12/18 08:53
4	L4	83	424/538.ccls.	USPA T; US-P GPUB	2001/12/18 08:53
5	L5	1034	1 or 2 or 3 or 4	USPA T; US-P GPUB	2001/12/18 08:53
6	L6	285	krill	USPA T; US-P GPUB	2001/12/18 08:53
7	L7	9	5 and 6	USPA T; US-P GPUB	2001/12/18 08:53

09/549.6+2

Set	Items	Description
S1	29093	DENTAL (W) PLAQUE
S2	4577850	ENZYME? ?
S3	2760	S1 AND S2
S4	1353	S1(S) S2
S5	914	S4 NOT PY>1995
S6	667	RD (unique items)
S7	8017	KRILL? ?
S8	2	S6 AND S7
S9	545	S6 NOT PY>1992
S10	512	S2(S) S7
S11	0	S9 AND S10
S12	0	S S10 NOT PY>1992
S13	245	S10 NOT PY>1992
S14	1265044	DENTAL OR PLAQUE OR TEETH
S15	12	S13 AND S14
?t	s15/6/1-12	

15/3,AB/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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03664938 BIOSIS NO.: 000074080515

**FEEDING KRILL EUPHAUSIA-SUPERBA TO RATS WITH SPECIAL REGARD TO FLUORIDE**  
AUTHOR: SIEBERT G; GABRIEL E; HANNOVER R; HENSCHLER D; KARLE E J; KASPER H;  
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JOURNAL: ARCH FISCHEREIWISS 32 (1-3). 1982. 43-58. 1982  
FULL JOURNAL NAME: Archiv fuer Fischereiwissenschaft  
CODEN: AVFSA  
RECORD TYPE: Abstract  
LANGUAGE: GERMAN

ABSTRACT: Freeze-dried krill meat was given to young growing rats and compared with fish flour and shrimp flour in a 90-day feeding experiment. Animals on krill ration received about 200 mg fluoride during the experiment. The krill containing diet had the same effect on growth rate as other sources of protein but produced alterations in organ weight and plasma enzymes which are regarded as abnormal. A causal connection between these alterations and the high uptake of fluoride is not definitely established. Changes in teeth and large bones typical for fluoride were observed and corroborated by chemical analyses. According to determinations of fluoride in urine and feces, fluoride in krill is well utilized. Disturbances in mineralization are causally connected with the administration of fluoride. Minced krill meat cannot be recommended for human consumption beyond a daily uptake of 1-2 g of dry materials, a negligible amount in nutrient supply.

1982

15/3,AB/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00118473

**ENZYME COMPOSITION FOR THERAPEUTICAL AND/OR NON-THERAPEUTICAL CLEANING, THE USE THEREOF AND PREPARATION OF THE COMPOSITION**  
**COMPOSITION ENZYMATIQUE POUR NETTOYAGE THERAPEUTIQUE ET/OU NON THERAPEUTIQUE, UTILISATION ET PREPARATION DE LA COMPOSITION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 8401715 A1 19840510

Application: WO 83SE359 19831024 (PCT/WO SE8300359)

Priority Application: SE 826022 19821025; SE 832268 19830422

Designated States: AU BR DK FI HU JP NO RO SU US

Publication Language: English

Fulltext Word Count: 6882

English Abstract

An enzyme composition, containing an effective amount of an enzyme preparation which degrades contaminants of biological origin, for use as a therapeutical and/or non-therapeutical agent, a method for its preparation and a method for the therapeutical and non-therapeutical cleaning of living and dead material. The enzyme preparation used is derived from an aquatic animal of the order Euphausiacea or from a fish. Among fishes those of the genus Mallotus are preferred.

French Abstract

Une composition enzymatique contenant une quantite efficace d'une preparation enzymatique degradant des substances contaminantes d'origine biologique, utilisable comme agent de nettoyage therapeutique et/ou non therapeutique, son procede de preparation et un procede de nettoyage therapeutique et non therapeutique de materiau vivant et mort. La preparation enzymatique utilisee est derivee d'un animal aquatique appartenant a l'ordre des Euphausiacea ou d'un poisson. En ce qui concerne ces derniers, on prefere les poissons de l'espece Mallotus.

15/3,AB/5 (Item 3 from file: 653)  
DIALOG(R) File 653:US Patents Fulltext  
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01738207

Utility

CLEANING WITH **ENZYMES** FROM **KRILL**  
[ENZYMATIC DEBRIDEMENT OF LIVING TISSUES]

PATENT NO.: 4,801,451  
ISSUED: January 31, 1989 (19890131)  
INVENTOR(s): Hellgren, Lars G. I., Bronsgjutargatan 13, S-421 63 V:a Frolunda, SE (Sweden)  
Mohr, Viggo, St. Jorgensveita 6a, N-7000 Trondheim, NO (Norway)  
Vincent, Jan G., Linnegatan 31, S-114 47 Stockholm, SE (Sweden)  
[Assignee Code(s): 68000]  
EXTRA INFO: Assignment transaction [Reassigned], recorded June 12, 1996 (19960612)  
APPL. NO.: 7-82,134  
FILED: August 06, 1987 (19870806)

This application is a continuation of application Ser. No. 621,911, filed June 18, 1984, now abandoned.

FULL TEXT: 569 lines

ABSTRACT

**Enzymes** from animals belonging to the order Euphausiacea are used for cleaning. Preferably, an **enzyme** mixture containing exo-and endopeptidases from **krill** are used. Living tissue can be cleaned or debrided with the **enzyme** mixture, isolation of the **enzymes** may be carried out by homogenizing **krill** and extracting with an aqueous medium. Further purification can be by gel chromatography. **Enzymes** from which lipids have been extracted may be lyophilized for long time storage.

15/3,AB/10 (Item 5 from file: 654)  
DIALOG(R) File 654:US PAT.FULL.  
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01913326

Utility

PROCESS OF REMOVING BIOLOGICAL CONTAMINANTS WITH **ENZYMES** FROM **KRILL**  
[APPLYING ISOLATED MIXTURE OF EXO-AND ENDOPEPTIDASES]

PATENT NO.: 4,963,491  
ISSUED: October 16, 1990 (19901016)  
INVENTOR(s): Hellgren, Lars G. I., Vastra Frolunda, S-421 63 V:a Frolunda, SE (Sweden)  
Mohr, Viggo, St. Jorgensveita 6a, N-7000 Trondheim, NO (Norway)  
Vincent, Jan G., Linnegatan 31, S-114 47 Stockholm, SE (Sweden)  
[Assignee Code(s): 68000]  
EXTRA INFO: Assignment transaction [Reassigned], recorded June 12,

1996 (19960611)  
APPL. NO.: 7-302,190  
FILED: January 27, 1989 (19890127)  
DISCLAIMER: January 31, 2006 (20060131)  
PRIORITY: 8206022, SE (Sweden), October 25, 1982 (19821025)  
83022681, SE (Sweden), April 22, 1983 (19830422)

This application is a division of application Ser. No. 082,134 filed Aug. 6, 1987, now U.S. Pat. No. 4,801,451, which in turn is a continuation of application Ser. No. 621,911 filed June 18, 1984, now abandoned.

FULL TEXT: 589 lines

#### ABSTRACT

**Enzymes** isolated from **krill** of the order Euphausiacea are used to remove biological contaminants. Preferably, a mixture of **enzymes** including exo- and endopeptidase is isolated. The **enzymes** can be used in laundering or to clean or debride living tissue. Isolation may be carried out by homogenizing **krill** and extracting the **enzymes** with an aqueous medium. The **enzymes** may be further purified by gel chromatography. After lipids have been removed, the **enzymes** can be lyophilized for long time storage.

15/3,AB/12 (Item 7 from file: 654)  
DIALOG(R) File 654:US PAT.FULL.  
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01848987

#### Utility

ENZYME PREPARATION CAPABLE OF DEGRADING GLYCOSAMINO-GLYCAN, AND A METHOD FOR PRODUCING SAID PREPARATION

PATENT NO.: 4,904,594  
ISSUED: February 27, 1990 (19900227)  
INVENTOR(s): Karlstam, Bjorn O. E., Bjorklinge, SE (Sweden)  
ASSIGNEE(s): Pharmacia AB, (A Non-U.S. Company or Corporation), Uppsala, SE (Sweden)  
[Assignee Code(s): 65439]  
EXTRA INFO: Assignment transaction [Reassigned], recorded April 16, 1996 (19960416)  
Assignment transaction [Reassigned], recorded February 5, 1997 (19970205)  
APPL. NO.: 7-65,591  
FILED: June 23, 1987 (19870623)  
PRIORITY: 8603051, SE (Sweden), July 9, 1986 (19860709)

FULL TEXT: 414 lines

#### ABSTRACT

Glycosaminoglycan-degrading **enzyme** preparation containing **krill** hyaluronidase, and a method of producing said preparation.  
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